

Please type a plus sign (+) inside this



PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	0262-005
First Inventor	Jacobs, Scott L.
Title	Microelectronic Packages Including Thin ...
Express Mail Label No.	EL801240843US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 27]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
- Oath or Declaration copy [Total Pages 3]
 - ☐ Newly executed (original or copy)
 - ☒ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s)) copy
- ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: Check for \$355.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09 / 306,463

Prior application information:

Examiner Collins, D.

Group Art Unit: 2823

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can be shown when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label 26108 or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

PATENT TRADEMARK OFFICE

Name	Daniels & Daniels, P.A.				
Address	Post Office Drawer 12218				
City	Research Triangle Park	State	NC	Zip Code	27709-2218
Country	UNITED STATES	Telephone	919 544-5444	Fax	9195445920

Name (Print/Type)	Kevin E. Flynn	Registration No. (Attorney/Agent)	37,325
Signature		Date	04/12/2001

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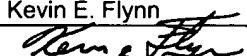
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FEE TRANSMITTAL for FY 2001 <i>Patent fees are subject to annual revision.</i>		Complete if Known		
		Application Number	Not Assigned	
		Filing Date	Herewith	
		First Named Inventor	Jacobs, Scott L.	
		Examiner Name	Collins, D. (parent application)	
TOTAL AMOUNT OF PAYMENT (\$)		355.00	Attorney Docket No.	0262-005

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																							
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unavoidable</td><td></td></tr><tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td colspan="5">Other fee (specify) _____</td><td></td></tr><tr><td colspan="5">Other fee (specify) _____</td><td></td></tr><tr><td colspan="5">SUBTOTAL (3)</td><td>(\$) -0-</td></tr></tbody></table>				Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Kevin E. Flynn	Registration No. (Attorney/Agent)	37,325
Signature		Telephone	(919) 544 5444
		Date	April 12, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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04-13-01

DANIELS & DANIELS, P.A.

ATTORNEYS AT LAW

POST OFFICE DRAWER 12218

RESEARCH TRIANGLE PARK, NC 27709-2218

1017 U.S. PTO
09/834014
04/12/01

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INTERNET: www.daniels.com

1000 PARK FORTY PLAZA, SUITE 280
N.C. HIGHWAY 55 AT INTERSTATE 40
DURHAM, NC 27713

April 12, 2001

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Divisional
Class 257
Subclass 777

RE: U.S. Divisional Patent Application for MICROELECTRONIC PACKAGES
INCLUDING THIN FILM DECAL AND DIELECTRIC ADHESIVE LAYER HAVING
CONDUCTIVE VIAS THEREIN

Based on U.S. Patent Application 09/306,463 for Microelectronic Packages Including
Thin Film Decal and Dielectric Adhesive Layer Having Conductive Vias Therein, and
Methods of Fabricating the Same, filed May 5, 1999 (for which a Notice of Allowance
was issued on January 17, 2001) which claims priority to
U.S. Provisional Application 60/084,450
Docket No. 0262-005

Dear Sir:

This divisional application is being filed in accordance with 37 C.F.R. 1.53(b). Section 201.06 of MPEP Version 7.1 requests that applicants include certain information. Thus, Applicant provides the following information.

- (A) An election/restriction requirement mailed 08/18/99 in the parent case termed the claims submitted herewith as drawn to a semiconductor device, classified in class 257, subclass 777.
- (B) The parent case, identified above, received a Notice of Allowance and Issue Fee Due dated January 17, 2001, from Deven Mark Collins in Group Art Unit 2823. A payment of the issue fee and submission of formal drawings in the parent case will occur on or before April 17, 2001.
- (C) The application has been modified to make reference and claim priority from the parent application and through the parent to the parent's priority document, a provisional.

In accordance with suggested practice under Section 201.06(C) of the MPEP applicant hereby incorporates by reference parent application 09/306,463 into the divisional application filed herewith.

Enclosed herewith, please find the documents listed below.

1. U.S. Divisional Patent Application Transmittal Sheet (PTO/SB/05) (1 page);
2. Fee Transmittal Sheet (1 page) in duplicate;
3. Check in the amount of \$355.00;
4. U.S. Divisional Patent Application for MICROELECTRONIC PACKAGES INCLUDING THIN FILM DECAL AND DIELECTRIC ADHESIVE LAYER HAVING CONDUCTIVE VIAS THEREIN (27 pages);
5. Twelve (12) sheets of drawings for the above-referenced application;
6. Photocopy of previously filed parent application Declaration and Power of Attorney (3 pages);
7. Application Data Sheet (37 CFR 1.76) (2 pages);
8. Photocopy of previously filed Information Disclosure Statement in the parent application Form PTO-1449 without cited art (on file at the United States Patent and Trademark Office in the parent application U.S. Patent Application Serial No. 09/306,463);
9. Photocopy of previously executed parent application Declaration and Power of Attorney (PTO/SB/01) (3 pages);
10. Copy of Form PTO/SB/83 Request for Withdrawal as Attorney or Agent from Mitchell S. Bigel filed on February 25, 2000;
11. Copy of Form PTO/SB/81 Power of Attorney or Authorization of Agent Not Accompanying Application dated February 17, 2000;
12. Copy of Notice regarding Power of Attorney dated May 18, 2000 from the United States Patent and Trademark Office accepting the Power of Attorney filed February 18, 2000;
13. Copy of Statement Under 37 CFR 3.73(b), Form PTO/SB/96, with Assignment Recordation Sheet and copy of executed Assignment dated May 4, 1998 for the priority application;
14. Return Receipt Postcard; and
15. Express Mail No. EL801240843US.

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Ken Fly

Kevin E. Flynn

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